

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060051939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 09:10
S2	1	S1 and plane	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:38
S3	1710	(257/64,E33.025, E33.028,E33.03, E33.033).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 08:29
S4	722	S3 and mask	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:39
S5	34	S3 and (mask with polycrystalline)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:41
S8	1	JP-2001102307-\$.did.	DERWENT	OR	ON	2007/06/20 10:09
S9	1	JP-2001320120-\$.did.	DERWENT	OR	ON	2007/06/20 14:36
S13	254	akitaka.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:18
S14	26	S13 and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:18
S15	1	JP-2000058461-\$.did.	DERWENT	OR	ON	2007/06/20 14:37
S16	1	JP-2002009004-\$.did.	DERWENT	OR	ON	2007/06/20 14:40
S17	1	JP-2000058981-\$.did.	DERWENT	OR	ON	2007/06/20 14:40
S18	1712	(257/64,E33.025, E33.028,E33.03, E33.033).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 08:29
S19	1319	S18 and GaN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 08:29
S20	668	S18 and (GaN with growth)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 08:30
S21	80	S18 and (GaN with growth with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 10:37
S22	1	("6225650").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 10:24
S23	1	S22 and (dislocation adj density)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 10:32

S24	1	S22 and (AlGaIn or GaAlIn or AlN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 10:35
S25	45	S18 and ((AlGaIn or GaAlIn or AlN) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:50
S26	95	biwa.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:03
S27	78	S26 and GaN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:03
S28	72	S26 and GaN and (AlGaIn or GaAlIn or AlN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:03
S29	68	S26 and GaN and (AlGaIn or GaAlIn or AlN) and mask	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:47
S30	1	S26 and ((AlGaIn or GaAlIn or AlN) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:05
S31	1	S26 and GaN and ((AlGaIn or GaAlIn or AlN) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:49
S32	290	GaN and ((AlGaIn or GaAlIn or AlN) with mask) not S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:51
S33	290	S32 not S26	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 12:51
S34	88	S32 and (polycrystal or polycrystalline)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 13:10
S35	1	("7087114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 13:11
S36	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 13:11
S37	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 16:13
S38	1	S37 and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 16:16
S39	1	S37 and (S32 and undersubstrate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 16:17
S40	7	GaN and (void with (AlGaIn or GaAlIn or AlN) with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:12
S41	2	(polycrystal or polycrystalline) with (AlGaIn or GaAlIn or AlN) with void	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:13

S42	8	(polycrystal or polycrystalline) with (AlGa <sub>N</sub> or GaAl <sub>N</sub> or Al <sub>N</sub> ) with (cavity or defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:18
S43	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/22 10:18
S44	1	S43 and (voluminous adj defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:24
S45	1	S43 and ((voluminous adj defect) near5 mask)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:24
S46	201	(Ga <sub>N</sub> or gallium adj nitride) and (poly\$crystal \$4 with mask)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/25 21:35
S47	180	S46 and (@ad < "20050603" or @rlad < "20050603")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/25 21:35
S48	98	S46 and @ad < "20030829"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/25 21:36
S49	1	("6225650").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/14 10:41
S50	1	S49 and (Ga <sub>N</sub> or gallium adj nitride) with substrate	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 10:41
S51	1	("20030145783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/30 15:06
S52	1	S51 and undersubstrate with (Ga <sub>N</sub> or gallium adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 15:06
S53	3	((("6713845") or ("6670204") or ("6562644")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/30 15:29
S54	3	S53 and mask	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 15:29
S55	1	("6844246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/30 15:32
S56	1	S55 and polycrystalline	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 15:33
S57	1	("6844246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/28 09:15
S58	1	S57 and first with second with mask	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:17
S59	75	motoki.in. and (Ga <sub>N</sub> or gallium adj nitride) and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:18
S60	68	S59 and mask	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:19

S61	23	(kimura with akitaka).in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:44
S62	22	S61 and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:44
S63	10	("5081519"   "5727008"). PN. OR ("6100106"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:53
S64	8	S63 and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 09:54
S65	34	("5880485"   "6051849"). PN. OR ("6320209"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 10:17
S66	30	S65 and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 10:17
S67	65	("4077817"   "5122845"   "5218216"   "5741360"   "5795798").PN. OR ("5880485").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 10:43
S68	64	S67 and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 10:44
S69	1	mask with (poly-crystal \$4 or poly adj crystal\$4) with (AlN or AlGaIn or aluminum adj nitride or aluminum adj gallium adj nitride) and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 11:03
S70	160	mask with (poly-crystal \$4 or poly adj crystal\$4) and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 11:05
S71	5	mask with (poly-crystal \$4 or poly adj crystal\$4) and (GaIn or gallium adj nitride) and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 11:06

S72	12	mask and (poly-crystal\$4 or poly adj crystal\$4) with (AlN or AlGaIn or aluminum adj nitride or aluminum adj gallium adj nitride) and (@rlad < "20040830" or @ad < "20040830")	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 11:08
S73	1	("20060051939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/28 14:44
S74	35	("20010010372"   "20010026658"   "4317085"   "4633477"   "4840922"   "4855256"   "5523256"   "5625637"   "5739554"   "5972730"   "6046465"   "6153010"   "6252261"   "6252894"   "6377596"   "6448102"). PN. OR ("6720586"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/10 09:03
S75	9	S74 and (polycrystal\$4 or poly adj crystal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/10 09:04
S76	5	("5880485").PN. OR ("6240115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/10 09:05
S77	1	S76 and (polycrystal\$4 or poly adj crystal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/10 09:05

### EAST Search History (Interference)

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